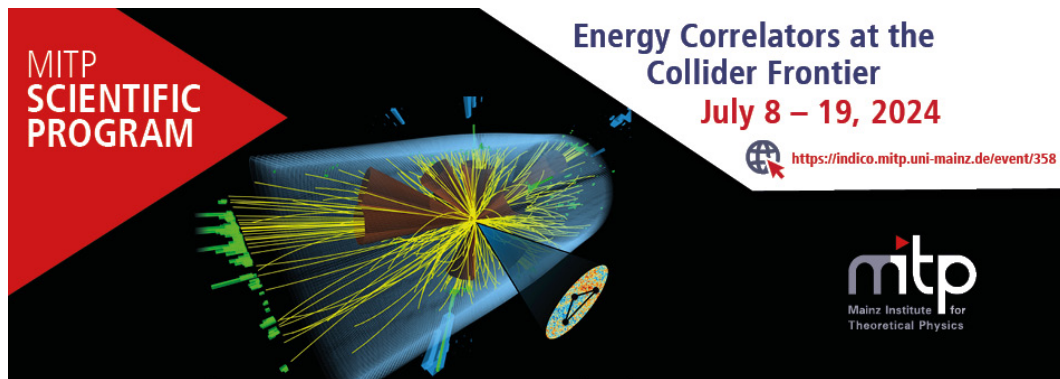


## Session Program

Jul 8 – 19, 2024



## Energy Correlators at the Collider Frontier

### *Morning Seminars Week 1*

MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room  
Staudingerweg 9 / 2nd floor, 55128 Mainz

# Mon, July 8

10:00 AM

## Morning Seminars Week 1: Monday Morning

Session |

**Location:** MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz

10:00 - 11:00 AM **Energy Correlators at the Collider Frontier**

**Speaker**

Ian Moulton

11:00 - 11:30 AM **Break for coffee**

11:30 AM - 12:30 PM **Energy-Energy Correlators in  $e^+e^-$ ,  $pp$  and  $PbPb$  with ALEPH and CMS**

**Speaker**

Yen-Jie Lee

12:30 PM

## Tue, July 9

10:00 AM

### Morning Seminars Week 1: Tuesday Morning

Session |

**Location:** MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz

10:00 - 10:30 AM **Medium modification of jets: angular scales and energy-energy correlator**

**Speaker**

Cyrille Marquet

10:30 - 11:00 AM **Energy-energy correlators in inclusive jets in heavy ion collisions**

**Speaker**

Fabio Dominguez

11:00 - 11:30 AM **Break for coffee**

11:30 AM - 12:30 PM **Heavy Quarks in the Energy Correlator Spectrum**

**Speaker**

Bianka Meçaj

12:30 PM

# Wed, July 10

9:30 AM

## Morning Seminars Week 1: Wednesday Morning

Session |

**Location:** MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz

9:30 - 10:00 AM **Weighing the top quark with energy correlators**

**Speaker**

Aditya Pathak

10:00 - 10:30 AM **Imaging Jet Wakes with Energy-Energy-Energy Correlators**

**Speaker**

Krishna Rajagopal

10:30 - 11:00 AM **Probing QCD Using Projected N-Point Energy Correlators**

**Speaker**

Ananya Rai

11:00 - 11:30 AM **Break for coffee**

11:30 AM - 12:00 PM **First Investigations of Shape-Dependent Energy Correlators in Heavy Ion Collisions**

**Speaker**

Hannah Bossi

12:00 - 12:30 PM **Coordinates for, and Explorations of, Jet Wakes in Energy-Energy-Energy Correlators**

**Speaker**

Arjun Kudinoor

12:30 PM

# Thu, July 11

9:30 AM

## Morning Seminars Week 1: Thursday Morning

Session |

**Location:** MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz

9:30 – 10:00 AM **Measurement of Full and Charged Two-Point EECs at STAR**

**Speaker**

Andrew Tamis

10:00 – 10:30 AM

**Nonperturbative Corrections for Energy Correlators: R-scheme for Precision Predictions**

**Speaker**

Iain Stewart

10:30 – 11:00 AM

**Nonperturbative Corrections for Energy Correlators: Confinement Transition and alphas Extraction**

**Speaker**

Zhiquan Sun

11:00 – 11:30 AM **Break for coffee**

11:30 AM – 12:30 PM **Power corrections from light-ray OPE**

**Speaker**

Hua-Xing Zhu

12:30 PM

# Fri, July 12

9:30 AM

## Morning Seminars Week 1: Friday Morning

Session |

**Location:** MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz

9:30 - 10:00 AM

**Space-time structure of jet evolution in medium and nuclear modification of single and gamma-jet EEC's**

**Speaker**

Xin-Nian Wang

10:00 - 11:00 AM

**Towards understanding in-medium energy correlators**

**Speaker**

João Barata

11:00 - 11:30 AM

**Break for coffee**

11:30 AM - 12:30 PM

**Energy-energy correlators from PbPb and pp collisions at 5.02 TeV with CMS**

**Speaker**

Jussi Viinikainen

12:30 PM